



MacinStor[®]

Erasable Optical Subsystems For Macintosh[®]



- *Eddy Award Winner – best storage product of the year*
- *Fastest seek time, highest capacity erasable optical*
- *Retrospect[®] backup/archive software included*
- *Dynamic AppleShare[®] network solution*

In today's data-intensive Macintosh workplaces, MacinStor Erasable Optical subsystems set a new standard in the critical areas of storage performance, reliability, capacity and versatility. MacinStor Erasable Optical, a bootable, random access solution, is available in two versions: The MCE1-1000S1 for users requiring the largest capacity (almost 1 GB) and the fastest seek time (35 ms) available, and the MCE1-650S1 for users who want a combination of cost-effec-

tiveness, capacity and performance. These removable disk storage products open a world of application possibilities, particularly in today's high-performance Macintosh networks. Beyond fast, reliable backup, here is an exceptional solution for secondary on-line applications such as image processing, data logging, distributed databases, and archiving. And MacinStor Erasable Optical's performance specs allow you to utilize it as a primary storage unit in emergency situations.



STORAGE
DIMENSIONS

MacinStor: The Right Choice In Optical Storage

For five years running, Storage Dimensions has been the industry leader in desktop optical storage subsystems. From the beginning, we have recognized that optical technology could provide users with more convenient and efficient ways to handle specific storage tasks. Developing our expertise in this area simply reflects another dimension of our commitment to *performance match™* the best storage solution available to the emerging new requirements of today's users. MacinStor Erasable Optical is the latest reflection of that commitment. It is a commitment backed by optical sales and engineering teams that understand the demands and intricacies of today's data-intensive applications, and stand ready to help with applications issues and technical support.

Versatility That Business Needs Today

MacinStor Erasable Optical has made "the power to be your best"™ an even better proposition. The speed of the product, and the capacity of its removable cartridges, provide you with a storage solution of impressive versatility. It can be used as a dynamic resource in a data-intensive single station environment, or you can put it to work as a multi-faceted performer on AppleShare™ or other large Macintosh networks. It is ideal for data backup, data archiving, standby primary storage, data acquisition



The Eddy Award-winning MacinStor Erasable Optical subsystem is shipped complete with Eddy Award-winning Retrospect software to deliver the ultimate optical backup solution.

MACWORLD

*"...the Cadillac of erasable opticals,
The MacinStor Erasable Optical
from Storage Dimensions."
September 1990*

MacUser

*Eddy Award Winner:
Best Storage Product of the Year
March 1990*

*Best read rate: "...a full 50 percent faster
than our benchmark 40-megabyte
magnetic hard disk!"
November 1990*

MacWEEK

*"Storage Dimensions' Tahiti tops
the opticals... It offers the best performance
and capacity we've seen yet."
July 31, 1990*

and selective on-line processing of cartridge-resident databases. This last use takes the MacinStor Erasable Optical beyond being a dynamic "protection" device and into the realm of a dynamic "productivity" tool. Be it image processing, video imaging, scientific data acquisition or publishing, MacinStor Erasable Optical provides convenient direct access to large databases without adding a byte to primary storage volumes.

A Superior Backup Solution

MacinStor Erasable Optical is an unbeatable backup and archiving solution for data-intensive environments. Because it is compatible with AppleShare and other Macintosh network solutions, MacinStor Erasable Optical is particularly dynamic in network environments. With average seek times as fast as 35 ms, it provides instantaneous random access without time-consuming search and restore procedures. As for the critical issue of reliability, our one gigabyte cartridges, featuring a certified 25-year data life, assure that your valuable data will remain intact exactly the way it was originally stored.

What's more, all MacinStor Erasable Optical subsystems come complete with the Eddy Award-winning Retrospect software that automatically backs up your data onto cartridges at any time without interrupting the current operation. It combines full queue management with a complete backup database. New, modified or time-stamped files can be archived to our subsystems. For speed, reliability and convenience, no alternative backup solution offers more.

Removable Cartridges: Secure, Compact And Transportable

There is no comparison between cartridge technology and that of magnetic media. Cartridges can travel anywhere, and be secured anywhere. With both a 650 megabyte ANSI/ISO standard and a one gigabyte cartridge available, you can add choice of capacities to a long list of removable media features that already include versatility, convenience and security. With a data life that spans up to a quarter of a century, and extreme resistance to damage by heat, humidity, X-rays or magnetism, this is the most reliable medium on the market.

MacinStor Erasable Optical's removable cartridge format also means big benefits at the bottom line. Instead of adding hardware when you need to add capacity, you simply insert a new cartridge.

Performance Matched Software

Our easy-to-use MacinStor Installer software is shipped with every MacinStor optical product. Its comprehensive set of disk management utilities includes automatic reallocation of bad blocks, password protected partitions, manual or automount partitions and full A/UX support.

MacinStor Optical Subsystem Support and Specifications

Every MacinStor Erasable Optical subsystem is a "plug and play" solution, shipped complete with cabling, installation and Retrospect back-up software, and user documentation that is rightly acclaimed the best in the industry. All MacinStor optical subsystems are backed by Storage Dimensions' full, one year warranty and our superb technical support staff. Expert assistance from highly trained engineers is available at no charge.

	Model No. MCE1-1000S1		Model No. MCE1-650S1
	650 MB ISO/ANSI cartridge	1 GB cartridge	650 MB ISO/ANSI cartridge
User capacity (MB per disk) (512 Bytes/sector)	572	900	572
Average seek time (ms)	35	35	70
Average latency (ms)	13.6	13.6	12.5
Average access time (ms)	48.6	48.6	82.5
Data transfer rate (Mbits/sec)	6.8	10 (avg.)	7.4
Media data life (years)	25	25	>10
Disk substrate	glass	glass	plastic
External cabinet dimensions (in/cm)			
Width	7.7/19.6	7.7/19.6	7.7/19.6
Height	5.7/14.5	5.7/14.5	5.7/14.5
Depth	14.75/37.5	14.75/37.5	14.75/37.5
Shipping weight (lbs/kg)	20.0/9.09	20.0/9.09	20.0/9.09
Avg. power consumption (watts)	50	50	35
Operating temperature range	+41° F to +90° F (+ 5° C to +32° C)	+41° F to +90° F (+ 5° C to +32° C)	+41° F to 104° F (+5° C to 40° C)
Power requirements (Universal power supply)	90 - 264 VAC 47 - 63 Hz	90 - 264 VAC 47 - 63 Hz	90 - 264 VAC 47 - 63 Hz

The MacinStor Erasable Optical subsystem includes a 5.25" erasable optical drive in an external cabinet (with dual 50 pin SCSI ports, power and activity indicators, external termination, and external SCSI address selection), Retrospect optical backup software, MacinStor Installer software, one erasable optical formatted cartridge (1 GB with MCE1-1000S1, 650 MB with MCE1-650S1) and all necessary documentation and cables.



2145 Hamilton Ave.
San Jose, CA 95125
(408) 879-0300
(408) 377-4988 FAX